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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 41557-227572 RK U.S. APPLICATION NO. (If known, see 37 CFR 1.6)
INTERNATIONAL APPLICATION NO. PCT/GB2004/003161	INTERNATIONAL FILING DATE 21 July 2004	PRIORITY DATE CLAIMED 21 July 2003
TITLE OF INVENTION SMEAR REDUCTION IN CCD IMAGES		
APPLICANT(S) FOR DO/EO/US Michael John HAZELWOOD, Samuel Harrison HUTTON and Clifford Robert WEATHERUP		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2))</p> <p>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</p> <p>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. (Form PCT/IB 308 (Second Notice) attached).</p> <p>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).</p> <p>a. <input type="checkbox"/> is attached hereto.</p> <p>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))</p> <p>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</p> <p>b. <input type="checkbox"/> have been communicated by the International Bureau.</p> <p>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</p> <p>d. <input checked="" type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).</p>		
Items 11 to 20 below concern document(s) or information included:		
<p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98 and SB 08A (Form 1449).</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A Preliminary Amendment w/attached Abstract.</p> <p>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information: Submission of Formal Drawings, 4 sheets of Figs. 1-4; International Search Report and PCT IB/304</p>		

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U.S. APPLICATION NO. (if known, see 37 CFR 1.6)	INTERNATIONAL APPLICATION NO. PCT/GB2003/003161			ATTORNEY'S DOCKET NUMBER 41557-227572 RK																									
21. The following fees are submitted:																													
<table border="1"> <tr> <td><input checked="" type="checkbox"/></td> <td>a) Basic national fee</td> <td>\$300.00</td> <td>\$</td> <td>300.00</td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>b) Examination fee</td> <td>\$200.00</td> <td>\$</td> <td>200.00</td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>c) Search fee</td> <td>\$400.00</td> <td>\$</td> <td>400.00</td> <td></td> </tr> <tr> <td colspan="3">TOTAL OF ABOVE CALCULATIONS = \$900.00</td> <td>\$</td> <td>900.00</td> <td></td> </tr> </table>						<input checked="" type="checkbox"/>	a) Basic national fee	\$300.00	\$	300.00		<input checked="" type="checkbox"/>	b) Examination fee	\$200.00	\$	200.00		<input checked="" type="checkbox"/>	c) Search fee	\$400.00	\$	400.00		TOTAL OF ABOVE CALCULATIONS = \$900.00			\$	900.00	
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TOTAL OF ABOVE CALCULATIONS = \$900.00			\$	900.00																									
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.																													
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE																										
- 100 =	/50 =		x \$250.00																										
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).																													
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE																										
Total claims	19 - 20 =	0	x 50.00	\$	0.00																								
Independent claims	1 - 3 =	0	x 200.00	\$	0.00																								
MULTIPLE DEPENDENT CLAIM(s) (if applicable)				+	\$																								
TOTAL OF ABOVE CALCULATIONS =				\$	900.00																								
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/4.																													
SUBTOTAL = \$ 900.00																													
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).																													
+ <table border="1"> <tr> <td>TOTAL NATIONAL FEE =</td> <td>\$</td> <td>900.00</td> </tr> </table>						TOTAL NATIONAL FEE =	\$	900.00																					
TOTAL NATIONAL FEE =	\$	900.00																											
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property																													
+ <table border="1"> <tr> <td>TOTAL FEES ENCLOSED =</td> <td>\$</td> <td>900.00</td> </tr> </table>						TOTAL FEES ENCLOSED =	\$	900.00																					
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Amount to be charged:	\$																												
a. <input type="checkbox"/> A check in the amount of _____ to cover the above fees is enclosed.																													
b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. 22-0261 in the amount of \$ 900.00 to cover the above fees. A duplicate copy of this sheet is enclosed.																													
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 22-0261 . A duplicate copy of this sheet is enclosed.																													
d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.																													
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.																													
SEND ALL CORRESPONDENCE TO: VENABLE LLP P.O. Box 34385 Washington, D.C. 20043-9998 Tel.: (202) 344-4000 Fax: (202) 344-8300 CUSTOMER NUMBER: 26694																													
SIGNATURE:  Robert Kinberg 26,924																													
NAME Robert Kinberg REGISTRATION NO. 26,924																													
DATE January 20, 2006																													

10/565204

IAP12 Rec'd PCT/PTC 20 JAN 2006

PTO/SB/17 (12-04v2)

Approved for use through 7/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).		
FEE TRANSMITTAL For FY 2005		
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		
TOTAL AMOUNT OF PAYMENT	(\$)	900.00

Complete if Known

Application Number	Not Yet Assigned
Filing Date	Concurrently Herewith
First Named Inventor	Michael John HAZELWOOD et
Examiner Name	Not Yet Assigned
Art Unit	N/A
Attorney Docket No.	41557-227572 RK

METHOD OF PAYMENT (check all that apply)

<input type="checkbox"/> Check	<input type="checkbox"/> Credit Card	<input type="checkbox"/> Money Order	<input type="checkbox"/> None	<input type="checkbox"/> Other (please identify): _____
<input checked="" type="checkbox"/> Deposit Account		Deposit Account Number: 22-0261		Deposit Account Name: Venable LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

<input type="checkbox"/> Charge fee(s) indicated below	<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee
<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17	<input checked="" type="checkbox"/> Credit any overpayments

FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

<u>Application Type</u>	<u>FILING FEES</u>		<u>SEARCH FEES</u>		<u>EXAMINATION FEES</u>		
	<u>Fee (\$)</u>	<u>Small Entity Fee (\$)</u>	<u>Fee (\$)</u>	<u>Small Entity Fee (\$)</u>	<u>Fee (\$)</u>	<u>Small Entity Fee (\$)</u>	<u>Fees Paid (\$)</u>
Utility	300	150	500	250	200	100	900.00
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEESFee Description

Each claim over 20 (including Reissues)

<u>Total Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	<u>Small Entity</u>
19	- 20 =	x	=	
				<u>Fee (\$)</u>
				<u>Fee Paid (\$)</u>

<u>Indep. Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
1	- 3 =	x	=

3. APPLICATION SIZE FEE

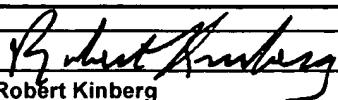
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

<u>Total Sheets</u>	<u>Extra Sheets</u>	<u>Number of each additional 50 or fraction thereof</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
	- 100 =	/50 (round up to a whole number)	x	=

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): 8021 Recording each patent assignment, agreement or ...

SUBMITTED BY				
Signature			Registration No. (Attorney/Agent)	26,924
Name (Print/Type)	Robert Kinberg		Telephone	(202) 344-4000
			Date	January 20, 2006

RK/trt
DC2DOCS1\716639

10/565204
IAP12 Rec'd PCT/PTO 20 JAN 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Michael John HAZELWOOD et al.

International Appln: PCT/GB2004/003161
Filed: July 21, 2004

U.S. Application No.: Not Yet Assigned

For: SMEAR REDUCTION IN CCD
IMAGES

Art Unit: Not Yet Assigned

Examiner: Not Yet Assigned

Confirmation No.: Not Yet Assigned

Atty. Docket No.: 41557-227572 RK

Customer No.

26694

PATENT TRADEMARK OFFICE

Submission of Formal Drawings

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith are four (4) sheets of formal drawings containing Figs. 1-4.

Respectfully submitted,



Robert Kinberg
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Washington, D.C. 20043-9998
Telephone: (202) 344-4000
Telefax: (202) 344-8300

Date: January 20, 2006

RK/trt

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